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Substitute for form 1449A/PTO <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT </div> <div style="text-align: center; font-style: italic; font-size: 0.8em;"> (Use as many sheets as necessary) </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: right; font-weight: bold; font-size: 0.9em;">Complete if Known</th> </tr> <tr> <td style="width: 30%; font-weight: bold; font-size: 0.8em;">Application Number</td> <td></td> </tr> <tr> <td style="font-weight: bold; font-size: 0.8em;">Filing Date</td> <td>March 29, 2004</td> </tr> <tr> <td style="font-weight: bold; font-size: 0.8em;">First Named Inventor</td> <td>SCADUTO</td> </tr> <tr> <td style="font-weight: bold; font-size: 0.8em;">Art Unit</td> <td>n/a</td> </tr> <tr> <td style="font-weight: bold; font-size: 0.8em;">Examiner Name</td> <td>n/a</td> </tr> <tr> <td style="font-weight: bold; font-size: 0.8em;">Attorney Docket Number</td> <td>11218-0006</td> </tr> </table>	Complete if Known		Application Number		Filing Date	March 29, 2004	First Named Inventor	SCADUTO	Art Unit	n/a	Examiner Name	n/a	Attorney Docket Number	11218-0006
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Art Unit	n/a														
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Attorney Docket Number	11218-0006														

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
IA	A	US-6,521,451 B2	02-18-2003	Potter	
	B	US- 6,046,806	04-04-2000	Thompson	
	C	US- 5,726,751	03-10-1998	Altendorf et al.	
	D	US- 5,665,599	09-09-1997	Minuth	
	E	US- 5,552,321	09-03-1996	Focht	
	F	US- 5,414,556	05-09-1995	Focht	
	G	US- 5,241,415	08-31-1993	Argentieri et al.	
	H	US- 5,170,286	12-08-1992	Zimmerberg et al.	
	I	US- 4,974,952	12-04-1990	Focht	
	J	US- 4,748,124	05-31-1988	Vogler	
	K	US- 4,734,372	03-29-1988	Rotman	
	L	US- 4,580,901	04-08-1986	Goldsmith	
	M	US- 4,395,492	07-26-1983	Rees	
	N	US- 4,338,024	07-06-1982	Bolz et al.	
	O	US- 3,726,597	04-10-1973	Dvorak et al.	
IA	P	US- 2,942,520	06-28-1960	Rose	
	Q	US- 4,804,267	02-14-1989	Greenfield	
	R	US- 4,707,086	11-17-1987	Dahan et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Isiaka Akanbi/	Date Considered	06/16/2006
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	
Filing Date	March 29, 2004
First Named Inventor	SCADUTO
Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	11218-0006

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
IA	Q	JACOBS, C.R. et al., "Differential effect of steady versus oscillating flow on bone cells", Journal of Biomechanics 31, July 2, 1998, pgs. 969-976.	
IA	R	FRANGOS, John A. et al., "Flow Effects on Prostacyclin Production by Cultured Human Endothelial Cells", Science Journal, 22 March 1985, pgs. 1477-1479, Vol. 227	

Examiner Signature	/Isiaka Akanbi/	Date Considered	06/16/2006
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